

231/3
PHYSICS
PAPER 3
PRACTICALS

CONFIDENTIAL INSTRUCTIONS TO SCHOOLS

-The information contained in this paper is to enable the head of school and teacher in charge of physics to make adequate preparations for this year's physics mock practical examination. NO ONE ELSE should have access to this paper or acquire knowledge of its contents. Great care must be taken to ensure that the information here in does not reach the candidates either directly or indirectly.

-The physics teacher is NOT expected to perform the experiments

- The apparatus required by each candidate for the physics mock practical examination are set out on the next page. It is expected that the ordinary apparatus of a physics laboratory will be available.

- The physics teacher should note that it is his/her responsibility to ensure that each apparatus acquired, for this examination agrees with specifications on the next page.



1. Each candidate requires

- Nichrome wire (SWG 28) mounted on a mm scale
- Micrometer screw gauge (to be shared)
- Voltmeter (0-3v or 0-5v)
- Ammeter (0-1A)
- Switch
- Jockey/long wire with crocodile clip attached
- One new dry cell
- 8 connecting wires with crocodile clips attached to one end
- Rectangular glass block about (10cm x 6cm x 2cm)
- Four optical pins
- Ruler
- Soft-board
- Plain paper
- Cellotape (piece)
- Vernier calipers (to be shared)

2. Each candidate requires

- Metre rule
- Lens holder
- A convex lens
- Candle
- Mounted screen (white)
- Metre rule
- Knife edge
- 10 microscope slides
- 50g mass
- Vernier calipers
- Piece of celotape

